

**Oncological Safety and Short term Aesthetic Outcome of
Extreme Oncoplasty for Breast Cancer**

Dissertation

**Submitted for Partial Fulfillment of M.D Degree in
General Surgery**

By

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(M.B.B.CH / M.Sc.)

Faculty of Medicine

Fayoum University

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ABSTRACT

Breast cancer surgery has passed from an aggressive, disfiguring and bloody radical procedure with a high mortality rate to safe and aesthetically acceptable conservative counterparts with the same oncological outcomes and high survival rates by the work of some competent and ambitious surgeons who have created this amazing long path.

Deep understanding of both the physiologic and structural anatomy of the breast enable surgeons to preserve these structures, maintaining good blood supply with both volume displacement and replacement oncoplastic surgical techniques, reducing the complications' rate and profoundly improve the overall aesthetic outcomes.

Breast-conservation surgery (BCS) is established as a safe option regarding the oncological issues for the management of the early breast cancer; however the aesthetic outcomes were still in a need for advancement opening the road in front of the new innovation of the OPS which has made this progress.

The term OPS describes the evolving comprehensive approach of breast surgery that applies the principles of surgical oncology with those of plastic and reconstructive surgery for the management of breast cancer; this field has been broadened to include both volume displacement and volume replacement techniques.

OPS has provided the "Third option" that fills the gap between BCS and mastectomy enhancing both oncologic and aesthetic outcomes of BCS. It has been receiving worldwide broad attention and gaining widespread acceptance.

Extreme oncoplasty has provided hope for the patients with breast cancer that usually needs mastectomy to preserve their breasts with acceptable aesthetic outcome and oncological safety.

Our aesthetic assessment was done by **BCCT.CORE PROGRAM**

Our study has reported single recurrence (4.0%) and the aesthetic outcomes showed that 14 cases (56.0%) of cases were rated as "FAIR", "GOOD": 6 cases (24.0%), and 5 cases (20.0%) as "POOR".

So ,extreme conservation is considered the last resort before mastectomies.